Engineering Interpretations

Building Site Development

Soil properties influence development of building sites, including the selection of the site, the design of the structure, construction, post construction performance, and maintenance. Soil limitation ratings of slight, moderate, and severe are given for shallow excavations, dwellings with and without basements, small commercial buildings, local roads and streets, and lawns, landscaping, and golf fairways.

Shallow Excavations

Shallow excavations are trenches or holes dug in the soil to a maximum depth of 5 or 6 feet. They are used for pipelines, sewer lines, telephone and power transmission lines, basements, open ditches, and cemeteries. The ratings are based on the soil properties that influence ease of digging and resistance to sloughing.

Dwellings With or Without Basements

These are single-family houses of three stories or less. The foundation is assumed to be spread footings of reinforced concrete built on undisturbed soil at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper, for houses without basements, or at a depth of 7 feet if a basement is constructed. The ratings are based on properties affecting soil strength and settlement under a load, and those that affect excavation and construction costs.

Small Commercial Buildings

Limitation ratings are given for the undisturbed soil on which small commercial buildings of less than three stories without basements are built. The foundation is assumed to be placed on spread footings of reinforced concrete at a depth of 2 feet or the depth of maximum frost penetration, whichever is deeper.

Local Roads and Streets

Limitation ratings are given for the use of soils for construction of improved local roads and streets that have all-weather surfacing, commonly of asphalt, gravel with binder in it, or concrete, and that are expected to carry automobile traffic all year. These roads and streets are graded to shed water, and conventional drainage measures are provided. With the probable exception of the hard surface, roads and streets are built mainly from the soil at hand.

Lawns, Landscaping, and Golf Fairways

The soils are rated for their use in establishing and maintaining turf for lawns and golf fairways and ornamental trees and shrubs for residential type landscaping. The ratings are based on the use of soil material at the location with some land smoothing. Irrigation may or may not be needed and is not a criterion in rating. Traps, trees, roughs, and greens are not considered as part of the golf fairway. The properties considered are those listed that affect plant growth and trafficability after vegetation is established.

This subsection includes:

• (a) Building Site Development

Building Site Development

(The information in this report indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 1.00. The larger the value, the greater the potential limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap	ping
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
66014:	1	!	1	1	1	!	1	1	1	1
Haymond	 	1	 Very limited	1	 Very limited	1	 Very limited	1	 Very limited	1
hayllond	· -		~flooding		~flooding		very limited ~flooding		~flooding	1 1.00
	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1
	1	I	I	I	I	I	I	I	I	1
70028:	I	I	I	I	I	I	I	I	I	I
Moko	· =	•	Very limited	1	Very limited		Very limited	•	Very limited	1
			~hard bedrock <40"	11.00	~hard bedrock <20"		~hard bedrock <20"		~droughty	11.00
	(very limited)		(very limited)			1	(very limited)		(very limited)	1
	· -		•	•	~slope	11.00	~slope	•	~bedrock <20 in.	11.00
	(moderately limited)	!	(moderately limited)	1	(very limited)	1	(slightly limited)		(very limited)	1
	!	!	<u> </u>	!	1	1		•	~small stones	10.64
		!		1	1	1	1	1	(limited)	1
Rock outcrop	Not rated	 	 Not rated	 	 Not rated		 Not rated	 	 Not rated	
	1	I	I	I	I	I	1	I	I	1
73013:	1	I	I	I	I	I	I	1	I	I
Lowassie	· =		Very limited	I	Very limited		Very limited		Very limited	I
			~ponded	11.00	~ponded (wetness)		~low strength		~wetness	11.00
	(very limited)		(very limited)			1	(very limited)		(very limited)	
	· •		•	11.00	~wetness	11.00	· -		~ponded (wetness)	11.00
	(very limited)	•	(very limited)	1	(very limited)	1	(very limited)	•	(very limited)	1
	•	11.00	•	•	~shrink-swell	11.00		1.00	!	!
	(very limited)	 	(moderately limited)	 	(very limited)	 	(very limited) 	1	! !	l I
73032:	i	İ	I	İ	I	İ		İ	i I	i
Gatewood	Very limited	I	Very limited	1	Very limited	I	Very limited		Very limited	1
	~shrink-swell	11.00	~hard bedrock <40"	1.00	~slope	1.00	~low strength	11.00	~small stones	11.00
	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	1	(very limited)	1
	~hard bedrock	0.51	~wetness	11.00	~shrink-swell	1.00			~depth to bedrock	10.42
	(moderately limited)	•	(very limited)	1		I	(very limited)	•	(moderately limited)	
	•	•	~shrink-swell	1.00	~depth to bedrock		~depth to bedrock	•	~droughty	10.22
	(moderately limited)	!	(very limited)	1	(moderately limited)	1	(moderately limited)	1	(slightly limited)	l
73039:	1	1 	1 	1	1 	1	1 	1	1 	1
Glensted	Very limited	l	Very limited	Ī	 Very limited	I	Very limited	Ī	Very limited	İ
	· =		~wetness	11.00	~wetness		~wetness		~droughty	11.00
	(very limited)	I	(very limited)	1	(very limited)	I	(very limited)	1	(very limited)	1
	~shrink-swell	1.00	~shrink-swell	1.00	~shrink-swell	1.00	~low strength	1.00	~wetness	11.00
	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	1
	1	I	I	I	I	I	~shrink-swell	11.00	I	1
	1	I	I	1	I	1	(very limited)	1	I	1
	1	I	I	1	I	I	I	1	I	1

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial bui	ldings	Local roads and st 	reets	Lawns and landsca 	ping
	Limitation	<u>Value</u>	Limitation	Value	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	Valu
73053:	1	1	 	1]]	1	 	1	 	1
Lily	' : I.imited		' Very limited	i	' Limited	i	' Limited	i	Limited	i
1	•		~hard bedrock <40"	11 00	~slope	•	~depth to bedrock	•	~depth to bedrock	10.76
	(limited)		(very limited)	1	(limited)		(limited)		(limited)	1
	• •		~slope	10 30	~depth to bedrock	10.76			~droughty	10.15
	(moderately limited)		(moderately limited)		(limited)	1	I		(slightly limited)	1
	(moderatery rimited)	1	(moderatery rimited)	1	i (IIMI Ced)	-	! !		~too acid	10.06
	İ		! 	İ	1	İ	! 		(slightly limited)	1
Bender	 Limited		 Very limited	 	 Limited	1	 Limited	 	 Very limited	1
	•		~hard bedrock <40"	11.00	~slope	-	~depth to bedrock		~droughty	11.00
	(limited)	1	(very limited)	1	(limited)		(limited)		(very limited)	1
		10.30	· · · •	10.30	~depth to bedrock		~large stones		~large stones	10.99
	(moderately limited)		(moderately limited)		(limited)	1	(slightly limited)		(limited)	1
	· · ·		~large stones		~large stones	10.09			~depth to bedrock	10.76
	(slightly limited)	1	(slightly limited)	I	(slightly limited)	1	I		(limited)	1
73066:	1	 	l I	 	 	 	 	 	 	l I
Bender	Limited	1 1	Very limited	I	Limited	1	Limited	1	Very limited	1
	~hard bedrock	10.76	~hard bedrock <40"	1.00	~slope	10.99	~depth to bedrock	10.76	~droughty	11.00
	(limited)	1	(very limited)	ĺ	(limited)	i	(limited)	i	(very limited)	i
	~slope	10.30	~slope	10.30	~depth to bedrock	10.76	~large stones	10.09	~large stones	10.99
	(moderately limited)		(moderately limited)		(limited)	i	(slightly limited)		(limited)	i
	· · · · · · · · · · · · · · · · · · ·		· ·		~large stones	10.09	. (1 g 1 <u>1</u> 1 1 1 1		~depth to bedrock	10.76
	(slightly limited)	İ	(slightly limited)	1	(slightly limited)	İ	i I		(limited)	İ
73067:	1	 	 	 	 	1	 	l I	 	1
Bender	Very limited	1 1	Very limited	I	Very limited	1	Very limited	1	Very limited	1
	~slope	1.00	~hard bedrock <40"	1.00	~slope	1.00	~slope	1.00	~slope	1.00
	(very limited)	1 1	(very limited)	I	(very limited)	1	(very limited)	1	(very limited)	1
	~hard bedrock	10.76	~slope	1.00	~depth to bedrock	10.76	~depth to bedrock	10.76	~droughty	1.00
	(limited)	1 1	(very limited)	I	(limited)	1	(limited)	1	(very limited)	1
	~large stones	10.09	~large stones	0.09	~large stones	10.09	~large stones	10.09	~large stones	10.99
	(slightly limited)	1	(slightly limited)	1	(slightly limited)	1	(slightly limited)	1	(limited)	1
Rock outcrop	Not rated		Not rated	1	 Not rated	l	 Not rated	i	 Not rated	I
73080:	1		 	 	 	1	 	 	 	1
Alred	· · Very limited		' Very limited	I	Very limited	i	 Very limited	i	 Very limited	i
	· •		~slope	11.00	~slope		~slope	•	~large stones >30%	11.00
	(very limited)		(very limited)	 I	(very limited)		(very limited)		(very limited)	1
	_		_	10.04	~large stones		~large stones		~slope	11.00
	(slightly limited)		(slightly limited)	<u>.</u> I	(slightly limited)		(slightly limited)		(very limited)	1
	1		l	I		i			~droughty	11.00
	I		I	I	i	i	I	i	(very limited)	1
			!			:		:		:

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str	eets	Lawns and landscap 	ping
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73080:	1	1	1	1	1	1	1	1		1
Bardley	 Very limited	1	 Very limited	1	 Very limited	1	Very limited	 	 Very limited	1
-	· -		~hard bedrock <40"	11 00	· -		· -		~slope	11.00
	(very limited)	11.00	(very limited)	11.00	(very limited)	11.00	(very limited)	•	~slope (very limited)	11.00
	· · · -	10 52	· · · -	11 00	· · · -	10 52	· · · -		(very limited) ~large stones	10.99
	(moderately limited)		very limited	11.00	(moderately limited)		(very limited)		~large stones (limited)	10.99
	· ·		· · · -	10 45	· · · · · · · · · · · · · · · · · · ·		· · · -	•	(IIMIted) ~droughty	10.72
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		~droughty (limited)	10.72
	(moderately limited)	1	(moderately limited) 	1	(moderatery rimited)	1	(moderatery rimited)	1	(IIMItea) 	i
Rock outcrop	Not rated	İ	Not rated	İ	Not rated	İ	Not rated	1	Not rated	İ
73087:	! 	i	I 	i	! 	 	! 	 	l 	i
Celt	Very limited	l	Very limited	1	Very limited	ĺ	Very limited	1	Very limited	1
	~wetness	11.00	~wetness	11.00	~wetness	11.00	~low strength	11.00	- ~wetness	11.00
	(very limited)		(very limited)	i	(very limited)		(very limited)		(very limited)	i
	· · · -		~shrink-swell	11.00	· · · -		· · · -		~droughty	10.28
	(very limited)	İ	(very limited)	i	(very limited)	İ	(very limited)		(slightly limited)	i
	1	İ	<u>.</u>	i	1	İ	~shrink-swell	11.00	~too acid	0.18
	l	ĺ	I	1	I	ĺ	(very limited)	l	(slightly limited)	Ī
	I	I	I	1	I	I	I	I	I	1
73089:	I	I	I	1	I	I	I	I	I	1
Rueter	· -		Very limited		Very limited		Very limited		Very limited	I
	· -		~slope	•	· -		•	•	~slope	1.00
	(very limited)	•	(very limited)				(very limited)	•	(very limited)	I
	·		_	10.29		10.29			~small stones	1.00
	(slightly limited)		(slightly limited)	1	(slightly limited)	I	(slightly limited)		(very limited)	I
	I	I	•	10.09	I	I	I	I	~too acid	10.84
	1	!	(slightly limited)	1	1	!	1	1	(limited)	1
73094:	! 	l I	I 	1	I 	l I	I 	1	l 	l I
Gatewood	Very limited	İ	Very limited	Ī	Very limited	İ	Very limited	l	 Very limited	İ
	~shrink-swell	11.00	~hard bedrock <40"	11.00	~slope	11.00	~low strength	11.00	~slope	11.00
	(very limited)	I	(very limited)	1	(very limited)	I	(very limited)	I	(very limited)	I
	~slope	11.00	~wetness	1.00	~shrink-swell	11.00	~slope	1.00	~small stones	1.00
	(very limited)	I	(very limited)	1	(very limited)	I	(very limited)	I	(very limited)	1
	~hard bedrock	0.51	~shrink-swell	1.00	~depth to bedrock	0.51	~shrink-swell	1.00	~depth to bedrock	10.42
	(moderately limited)	I	(very limited)	1	(moderately limited)	I	(very limited)	1	(moderately limited))
73098:	1	!		1	1	!	1	1		1
73098: Plato	 Very limited	1	 Very limited	1	 Very limited	1	 Very limited	1	 Limited	1
	· -		very limited ~wetness	1 00	· -		· -	•	Limited ~wetness	10.94
	(very limited)		(very limited)	1	(very limited)		(very limited)		~wethess (limited)	10.34
	· · · -		· · · -	11 00	· · · -		· · · -		(IIMIted) ~droughty	10.24
	(limited)	10.34 1	(very limited)	1	(limited)		(very limited)		(slightly limited)	10.24
	i (IIMI CEC)		i (very rimited)	1	1		· · · -		· ·	10 06
		! 		i		1	· · · -	0.94	(slightly limited) (slightly limited)	10.06

Map symbol and soil name	Dwellings without base	ements	Dwellings with basem 	ents	Small commercial build	dings	 Local roads and stro 	eets	 Lawns and landscap. 	ing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73135: Union	(moderately limited)	0.56 0.45	(very limited)	 0.45 	(limited) ~wetness (moderately limited)	0.68 0.56 0.45	(moderately limited)	1.00 0.56 0.45	(moderately limited) 	 0.56
73136: Union	(moderately limited)	0.56 0.45	(very limited)	 0.45	(moderately limited)	0.56 0.45	(very limited)	1.00 0.56 0.45	(moderately limited)	 0.56
73159: Yelton	(moderately limited)	0.56 0.45	(very limited)	 0.45	(moderately limited) ~slope (moderately limited)	0.56 0.45 0.45	(moderately limited)	1.00 0.56 0.45	(moderately limited) ~droughty (slightly limited)	 0.56 0.12
73160: Hobson	~slope (limited)	0.76 0. 4 7	(very limited)	1	(very limited)	1.00 0.47	(limited)	0.63 0.47	(limited)	 0.63 0.47
73161: Alred	•	•	 Limited ~slope (limited) 	 0.76 	 Very limited ~slope (very limited) 	11.00	 Limited ~slope (limited) 	0.63 	(very limited) ~small stones (very limited)	 1.00 1.00 1.00 1.00

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem	ents	Small commercial buil	dings	Local roads and str	eets	Lawns and landscap 	ping
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
72161.		1	1	1	1	1	1	1	1	1
73161:	 Moderately limited	!	 Moderately limited	1	 Very limited	!	 Slightly limited	!	 Very limited	1
			~slope	10 45	~slope		~large stones		~small stones	11.00
	(moderately limited)		~slope (moderately limited)		(very limited)		(slightly limited)	•	(very limited)	11.00
	· · · · · · · · · · · · · · · · · · ·		\large stones		~large stones		~slope		(very limited) ~too acid	10.84
	(slightly limited)		(slightly limited)	10.29	(slightly limited)	10.29	(slightly limited)	•	(limited)	10.04
	(Siightly limited)		· · · · · · ·	10.09		1	(slightly limited)	•	~droughty	10.43
	1		•	10.09	1	1	1	1	·	•
	1	 	(slightly limited)	1	1	1	1	1	(moderately limited)) I I
73162:		! 	1	1	I	i	1	i	! 	i
Alred	· · Verv limited	i	Very limited	i	Very limited	i	Very limited	i	Very limited	i
	· -		~slope	11.00	~slope		~slope		~slope	11.00
	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	•	(very limited)	1
	1	i	<u>.</u>	i	1	i	1		~droughty	11.00
	i i	i	I	i	I	i	I		(very limited)	1
	1	i	I	i	I	i	I		~small stones	11.00
	1	i	I	i	I	i	I	i	(very limited)	1
	İ	i	I	i	I	i	I	i	1	i
Rueter	Very limited	İ	Very limited	i	Very limited	i	Very limited	i	Very limited	i
	~slope		~slope	11.00	~slope	11.00	~slope	11.00	~slope	11.00
	(very limited)	I	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1
	~large stones	10.29	~large stones	10.29	~large stones	10.29	~large stones	10.29	~small stones	1.00
	(slightly limited)	I	(slightly limited)	1	(slightly limited)	1	(slightly limited)	1	(very limited)	1
	1	I	~shrink-swell	10.09	I	I	I	1	~too acid	10.84
	1	I	(slightly limited)	1	I	1	I	1	(limited)	1
	1	l	l	1	I	1	1	1	I	1
73163:	I	I	I	1	I	I	I	1	I	I
Bardley	· -		Very limited	1	Very limited		Very limited		Very limited	1
	•	•	~slope	1.00	~slope	1.00	~low strength	•	~slope	1.00
	(very limited)		(very limited)	I	(very limited)	I	(very limited)		(very limited)	I
	•	•	~hard bedrock <40"	11.00	~depth to bedrock		~slope		~small stones	11.00
	(moderately limited)		(very limited)		(moderately limited)		(very limited)	•	(limited)	1
	•	•	~shrink-swell	•	~shrink-swell		~depth to bedrock	•	~droughty	10.66
	(moderately limited)	l	(moderately limited)	1	(moderately limited)	!	(moderately limited)	!	(limited)	1
31	137 1::+-4	I I		I	137 1::	I	137 1::	I		I
Alred	· -		Very limited	1 00	Very limited		Very limited		Very limited	1 00
	· -	11.00	~slope	11.00	~slope		~slope		~slope	1.00
	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)		(very limited)	11 00
	1	1	I I	1	1	1	1		~droughty	1.00
	1	1	I I	1	1	1	1		(very limited)	11 00
	1	1	I I	1	1	1	1	1	~small stones	1.00
	1	I	<u> </u>	1	I .	1	I	1	(very limited)	ı

~wetness 0.49 ~shrink-swell 1.00 ~wetness 0.49 ~shrink-swell 1.00 ~too acid (moderately limited) (very limited) (moderately limited) (very limited) (moderately limited) 	symbol and I	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap	ing
	1	<u>Limitation</u>	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Valu</u>
	1		!		1	1	1	1	!	1	1
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(very limited)	•	-	•	· •	1 00	· •	•	· •	•	•	1 00
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~slope	 -dlev	Very limited	1	 Very limited	1	 Very limited	1	 Very limited	1	 Very limited	1
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~hard bedrock 0.53 ~hard bedrock < 40" 1.00 ~depth to bedrock 0.53 ~slope 1.00 ~small stones (moderately limited) (very limited) (moderately limited) (very limited) (limited) (limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited)	•	•		•	•	•		•	•	•	1
(moderately limited) (very limited) (moderately limited) (very limited) (limited) (limited) (shrink-swell 0.45 ~shrink-swell 0.45 ~shrink-swell 0.45 ~depth to bedrock 0.53 ~droughty (moderately limited) (moderately limited) (moderately limited) (moderately limited) (limited) (limited) (moderately limited) (moderately limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (moderately limited) (limited) (limited) (limited) (limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately l		· · · · ·		· · · -	•	· · -	•	· · -		· · · -	11.00
~shrink-swell	•			•	1	· -	•	•	•	•	1
(moderately limited) (moderately limited) (moderately limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limited) (limite		- · · · · · · · · · · · · · · · · · · ·		· · · -	10.45	· ·		· · -	•	• •	10.66
Viburnum	i			•	•	•		· -	•		I
Viburnum	1 56: I		l I	 	1	 	I I	 	I I	I I	I
~shrink-swell 1.00 ~wetness 1.00 ~shrink-swell 1.00 ~low strength 1.00 ~wetness (very limited) (very limited) (very limited) (wery limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (wery limited) (moderately limited) (wery limited) (moderately limited) (wery limited) (moderately limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited) (wery limited)		Very limited	İ	Very limited	Ī	Very limited	İ	Very limited	i	Moderately limited	i
(very limited) (very limited) (very limited) (very limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (wery limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited)		_		· -	1.00	· -		· =	1.00	·	10.49
~wetness 0.49 ~shrink-swell 1.00 ~wetness 0.49 ~shrink-swell 1.00 ~too acid (moderately limited) (moderately limited) (very limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately limited) (moderately lim					1			· -	I	(moderately limited)	I
(moderately limited) (very limited) (moderately limited) (very limited) (moderately limited) (moderately limited)		· · · · ·		· · · -	1.00	· · -		· · -	1.00	· · · · · · · · · · · · · · · · · · ·	0.48
	i	(moderately limited)	I	(very limited)	1	(moderately limited)	I	(very limited)	I	(moderately limited)	I
	i		I	_	1	· ·		· · · -	10.49	· ·	I
	i		1	I	I	(moderately limited)		(moderately limited)		I	I

Map symbol and soil name	Dwellings without base	ements	Dwellings with basem 	ents	Small commercial build	dings	Local roads and stro 	eets	Lawns and landscap: 	ing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
1		1	l	l	I	l	l	1	l	1
73166:	l	I I	I	1	I	I	I	I	I	1
	Moderately limited		Very limited		Moderately limited		Very limited	•	Limited	I
I				1.00			· -	•		10.60
I	(moderately limited)		(very limited)	I	(moderately limited)		(very limited)	•	(limited)	I
ı					•					10.49
ı	(moderately limited)	I	(moderately limited)		(moderately limited)		(moderately limited)	•	(moderately limited)	I
!				1	•		~shrink-swell	10.45	1	1
		. !	<u> </u>		(moderately limited)	l	(moderately limited)	!	<u> </u>	!
ا 73168: ا			l	1	1	l	1	1] 	1
Swiss	Vorus limited	1	 Very limited	1	 Very limited	l I	 Very limited	1	 Moderately limited	1
	_		· -		· -		~low strength		-	10.30
	(very limited)		(very limited)	1	(very limited)		(very limited)	•	(moderately limited)	
	· · -		•	10.99	· · · -		~shrink-swell	•	· · ·	10.24
· · · · · · · · · · · · · · · · · · ·	(moderately limited)		(limited)	10.55	(very limited)		(very limited)	•	(slightly limited)	10.24
	(moderatery remitted)			10.60	i (very rimiteed)		· · · -			10.16
			(moderately limited)		I		(slightly limited)		(slightly limited)	1
			l (moderatery rrmrted)	i	I	' 	l (Silghely limited)	!	l (Silghely limited)	i
73169: I		I I	I	I	I	I	I	I	I	i
Beemont	Very limited	1 1	Very limited	I	Very limited	I	Very limited	I	Very limited	1
1	~shrink-swell	11.00	~shrink-swell	1.00	~slope	1.00	~low strength	11.00	~slope	1.00
,	(very limited)	1	(very limited)	I	(very limited)	l	(very limited)	I	(very limited)	1
,	~slope	1.00	~slope	1.00	~shrink-swell	1.00	~slope	1.00	~small stones	0.82
!	(very limited)	1	(very limited)	I	(very limited)	l	(very limited)	I	(limited)	1
!		1	~wetness	1.00	I	l	~shrink-swell	1.00	~too acid	10.42
I		I I	(very limited)	I	I	I	(very limited)	I	(moderately limited)	1
		I	<u> </u>	1	1	l	<u> </u>	1	<u> </u>	1
Gatewood	_		Very limited	l	Very limited		Very limited		Very limited	1
		11.00		11.00			~low strength		•	11.00
	(very limited)	I	(very limited)	1	(very limited)		(very limited)		(very limited)	1
	-	11.00	•	11.00	•	11.00	•	•		11.00
	(very limited)	10 51	(very limited)	1 00	(very limited)	l . o = 1	(very limited)		(very limited)	1 40
!	~hard bedrock (moderately limited)		~shrink-swell (very limited)	11.00	<pre> ~depth to bedrock (moderately limited)</pre>		~shrink-swell (very limited)	11.00	<pre> ~depth to bedrock (moderately limited)</pre>	10.42
1	(moderatery rimited)		(very limited)	 	(moderatery rimited)	l I	(very limited)	1	(moderatery rimited)	1
/3170: I		i		! !	I	' 		1	! 	i
Beemont	Very limited	I I	Very limited	i i	Very limited	I	Very limited	i	Limited	i
	-	•	· •	1.00	· •	•	· •	11.00	~small stones	0.82
	(very limited)		(very limited)	I	(very limited)		(very limited)	•	(limited)	I
	· · -		· · •	11.00	· · · •		~shrink-swell	•		10.42
į	(moderately limited)	ı	(very limited)		(very limited)		(very limited)	I	(moderately limited)	I
			- · · · · · · · · · · · · · · · · · · ·	10.45	· · · •		•	•	· · · •	10.04
l l			1 .arobe	10.43		ı	1 .210be	10.04	~siope	10.04
\ 		 	(moderately limited)		! 		(slightly limited)	•	~slope (slightly limited)	U.U4

Map symbol and soil name	Dwellings without base	ements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap 	oing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	1	I	I	I	I	I	I	1	1	1
73170:	1	I	I	I	1	I	I	1	1	1
Gatewood	- Very limited	I	Very limited	I	Very limited	I	Very limited	1	Very limited	1
	~shrink-swell	1.00	~hard bedrock <40"	1.00	~slope	1.00	~low strength	1.00	~small stones	11.00
	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	1	(very limited)	1
	~hard bedrock	0.51	~wetness	1.00	~shrink-swell	1.00	~shrink-swell	1.00	~depth to bedrock	10.42
	(moderately limited)	I	(very limited)	I	(very limited)	I	(very limited)	1	(moderately limited)	1
	~slope	0.45	~shrink-swell	1.00	~depth to bedrock	0.51	~depth to bedrock	0.51	~droughty	10.22
	(moderately limited)	 	(very limited)	1	(moderately limited)	1	(moderately limited)	1	(slightly limited)	1
73171:	1	i I	1	İ	! 	İ	! 	i	! 	i
Plato	Very limited	I	Very limited	1	Very limited	I	Very limited	1	Limited	1
	~shrink-swell	11.00	~wetness	11.00	~shrink-swell	11.00	~low strength	11.00	~wetness	10.94
	(very limited)	I	(very limited)	1	(very limited)	I	(very limited)	1	(limited)	1
	~wetness	0.94	~shrink-swell	11.00	~wetness	0.94	~shrink-swell	11.00	~too clayey	10.60
	(limited)	I	(very limited)	1	(limited)	I	(very limited)	1	(moderately limited)	1
	1	I	I	1	~slope	10.68	~wetness	0.94	~droughty	10.28
	1	l	 -	1	(limited)	!	(limited)	1	(slightly limited)	!
73172:	1	 	 	 	 	 	! 	1	 	1
Rosati	· · Very limited	ı	Very limited	i	Very limited	İ	Very limited	i	Limited	i
	· -		~wetness	11.00	· -		~low strength	11.00	~wetness	10.86
	(very limited)	ı	(very limited)	i	(very limited)	İ	(very limited)	i	(limited)	i
	~wetness	10.86	· · · -	11.00	_	10.86	~shrink-swell	11.00	I	i
	(limited)	ı	(very limited)	i	(limited)	İ	(very limited)	i	Ī	i
	i	ı	<u>.</u>	i	I	İ	~wetness	10.86	Ī	i
	i	ı	I	i	Ī	İ	(limited)	i	Ī	i
	i	ı	I	i	Ī	İ	1	i	Ī	i
73173:	i	l	I	İ	Ī	İ	I	i	ĺ	i
Lily	Limited	1	Very limited	İ	Limited	İ	Limited	Ī	Limited	İ
_	~hard bedrock	10.76	~hard bedrock <40"	11.00	~depth to bedrock	10.76	~depth to bedrock	10.76	~depth to bedrock	10.76
	(limited)	1	(very limited)	İ	(limited)	İ	(limited)	Ī	(limited)	İ
	i	ı	<u>.</u>	i	~slope	10.68	1	i	~too acid	10.06
	i	ı	I	i	(limited)	İ	I	i	(slightly limited)	i
	i	ı	I	i	I	İ	I		~droughty	10.04
	Ì	l	I	İ	Ī	İ	I	İ	(slightly limited)	Ì
Yelton	 Moderately limited	[Very limited	 	 Moderately limited	1	 Very limited	1	 Moderately limited	I I
1010011	· -		· -	11 00	·		~low strength	11 00	~wetness	10.56
	(moderately limited)	•	(very limited)	1	(moderately limited)		(very limited)	1	(moderately limited)	
	· · · · · · · · · · · · · · · · · · ·		· · · -	10 45	· ·		~wetness	10 56	~droughty	10.12
	(moderately limited)	•	(moderately limited)		(moderately limited)	•	(moderately limited)		(slightly limited)	1
	(moderatery rimited)	1	(moderacery rimited)		•	•	~shrink-swell	10.45		
	1	1	I I	1	(moderately limited)		•	•	1	
	1		I	1	(moderatery rimited)	1	(moderately limited)	ı	1	1

Map symbol and soil name	 Dwellings without bas 	ements	Dwellings with basem 	ents	Small commercial buil	dings	 Local roads and str 	eets	 Lawns and landscap 	oing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73174:	1	!	1	1	1	1	1	1	1	!
	 - Limited	1	 Very limited	1	 Very limited	1	 Limited	 	 Limited	1
пттү	~hard bedrock		~hard bedrock <40"	11 00	~slope	11 00		•	~depth to bedrock	10.76
	(limited)	•	(very limited)	1	(very limited)	•	(limited)	•	(limited)	10.70
	~slope		~slope	10.76	~depth to bedrock	•	• •	•	~slope	10.63
	(limited)		(limited)	1	(limited)	1	(limited)		(limited)	1
	1	i	1	i	1	i	1	•	~too acid	10.06
	İ	i	I	i	i I	i	I	i I	(slightly limited)	1
	İ	İ	I	i	İ	İ	I	İ		i
Yelton	- Limited	ĺ	Very limited	1	Very limited	I	Very limited	I	Limited	Ī
	~slope	10.76	~wetness	1.00	~slope	11.00	~low strength	1.00	~slope	10.63
	(limited)	I	(very limited)	1	(very limited)	I	(very limited)	I	(limited)	1
	~wetness	10.56	~slope	10.76	~wetness	10.56	~slope	10.63	~wetness	10.56
	(moderately limited)	•	(limited)	1	(moderately limited)	•	(limited)	-	(moderately limited)	1
	~shrink-swell	0.45	~shrink-swell	10.45	~shrink-swell	10.45			~droughty	10.12
	(moderately limited)	I	(moderately limited)	I	(moderately limited)	1	(moderately limited)	I	(slightly limited)	I
	I	I	I	1	I	I	I	I	I	I
73175:	1	1	1	1	1	1	1	1	<u> </u>	1
Poynor	- Not limited	!	Not limited	1	Moderately limited	•	Not limited		Very limited	1
	1	!	!	1	_	10.45	!	•	~small stones	11.00
	!	!	!	1	(moderately limited)	1	!	•	(limited)	1 00
	1	!	!	1	1		!		~droughty	1.00
	1	1	1	1	1	1	1		(very limited) ~too acid	10.30
	1	1	1	1	1	1	1	1	(slightly limited)	10.30
	1	1	1	1	1	1	1 1	1	(siightly limited)	
Bendavi s	 - Moderately limited	1	 Very limited	1	Moderately limited		Moderately limited	! !	 Very limited	;
Delidavis	~hard bedrock	•	~hard bedrock <40"	11 00	~depth to bedrock		·		~small stones	11.00
	(moderately limited)		(very limited)	1	(moderately limited)		(moderately limited)	•	(very limited)	1
	1		~wetness	11.00	· ·	10.45	· ·		~depth to bedrock	10.58
	İ		(very limited)	1	(moderately limited)	•	I		(moderately limited)	•
	1	ĺ	Ī	1	1	I	Ī	I	~droughty	10.45
	I	I	I	1	I	I	I	I	(moderately limited)	1
	I	I	I	1	I	1	I	I	I	1
73176:	1	I	I	1	1	1	I	I	I	1
Bendavis	- Limited	I	Very limited	1	Very limited	1	Limited	I	Very limited	1
	~slope	10.76	~hard bedrock <40"	1.00	~slope		· -	10.63	~small stones	11.00
	(limited)		(very limited)	I	(very limited)	•	(limited)	I	(very limited)	1
	~hard bedrock	•	~wetness	11.00	~depth to bedrock		· -		~slope	10.63
	(moderately limited)		(very limited)	1	(moderately limited)	I	(moderately limited)		(limited)	
	!	!	•	10.76	1	1	I .	1	~depth to bedrock	10.58
	!	!	(limited)	1	1	1	!	1	(moderately limited)	1
	I	I	I	I	I	I	I	I	I	I

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem 	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap	ping
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	1	1	[1	1	1	<u> </u>	1	1	1
73176:	1	!	 Limited	1	I Transport	1	 Limited	1	1770 - 710 - 100	1
Poynor		•		10 76	Very limited	•			Very limited ~small stones	11.00
	· -	10.76	~slope (limited)	10.76	~slope		~slope (limited)		•	11.00
	(limited)		(limited)	!	(very limited)	1	(limited)		(limited)	11.00
	1	1	1	1	1	1	! !		<pre> ~droughty (very limited)</pre>	11.00
	1	1	1	1	1	1	! !		~slope	10.63
	1	 	l 	İ	1	l I	1 		(limited)	10.63
73178:	1	 	 	1	1	1	 -	1	 	1
Bendavis	 Verv limited	i	 Very limited	i	Very limited	i	 Very limited	' 	Very limited	i
20	· -		~hard bedrock <40"	11.00	~slope		~slope		~slope	11.00
	(very limited)		(very limited)	1	· -		(very limited)	•	(very limited)	1
	· · · · -		~slope	11.00	~depth to bedrock		~depth to bedrock		~small stones	11.00
	(moderately limited)		(very limited)	1	(moderately limited)		(moderately limited)		(very limited)	1
			~wetness	11.00	· · · · · · · · · · · · · · · · · · ·	i	 		~depth to bedrock	10.58
	i I	i	(very limited)	1	İ	i	I	i	(moderately limited)	
73179:] [1	1	1	 	1] [1
Viraton	Moderately limited	i	Very limited	i	Limited	i	Moderately limited	i I	Moderately limited	i
	· -		~wetness	11.00	~slope		~wetness		~wetness	10.56
	(moderately limited)	İ	(very limited)	Ī	(limited)	İ	(moderately limited)	Ī	(moderately limited))
	~shrink-swell	0.45	- ~shrink-swell	10.45	~wetness	10.56	~shrink-swell	0.45	~too acid	10.42
	(moderately limited)	İ	(moderately limited)	Ī	(moderately limited)	İ	(moderately limited)	Ī	(moderately limited))
	~slope	0.15	~slope	10.15	~shrink-swell	10.45	~low strength	10.22	~droughty	10.06
	(slightly limited)	I.	(slightly limited)	1	(moderately limited)	I	(slightly limited)	1	(slightly limited)	!
Wilderness	 Limited	 	 Very limited	1	 Very limited	 	 Limited	l I	 Limited	l I
	~slope	10.76	~wetness	1.00	~slope	1.00	~slope	10.63	~droughty	10.86
	(limited)	1	(very limited)	1	(very limited)	1	(limited)	I	(limited)	1
	~shrink-swell	0.45	~slope	10.76	~shrink-swell	10.45	~shrink-swell	0.45	~slope	10.63
	(moderately limited)	I	(limited)	I	(moderately limited)	1	(moderately limited)	I	(limited)	1
	~wetness	10.39	~shrink-swell	10.36	~wetness	10.39	~wetness	10.39	~wetness	10.39
	(moderately limited)	!	(moderately limited)	1	(moderately limited)	1	(moderately limited)	1	(moderately limited)) [
73180:	1 	 	 	1	1	 	I 	I 	I 	
Gatewood	Very limited	1	Very limited	1	Very limited	1	Very limited	I	Very limited	1
	~shrink-swell	11.00	~hard bedrock <40"	1.00	~slope	1.00	~low strength	1.00	~small stones	11.00
	(very limited)	I	(very limited)	1	(very limited)	1	(very limited)	I	(very limited)	1
	~hard bedrock	0.51	~wetness	1.00	~shrink-swell	11.00	~shrink-swell	1.00	~depth to bedrock	10.42
	(moderately limited)	I	(very limited)	1	(very limited)	1	(very limited)	I	(moderately limited))
	~slope	10.45	~shrink-swell	1.00	~depth to bedrock	0.51	~depth to bedrock	0.51	~droughty	10.22
	(moderately limited)	1	(very limited)	1	(moderately limited)	1	(moderately limited)	ı	(slightly limited)	1

Table 12.--Building Site Development--Continued

Map symbol and soil name	 Dwellings without base 	ements	Dwellings with basem	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap 	oing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Valu
1	1	l I		I	I	I	I	I	I	1
73180:		1 1		I	I	I	I	I	I	1
Gasconade			Very limited		Very limited		Very limited		Very limited	I
			~hard bedrock <40"	1.00	•	1.00			~droughty	1.00
	(very limited)		(very limited)	I	(very limited)	I	(very limited)		(very limited)	I
		1.00	~shrink-swell	1.00	•	1.00	•	1.00		1.00
	(very limited)	I I	(very limited)	I	(very limited)	I	(very limited)	I	(very limited)	I
l	-		~slope	•			•	10.04		1.00
	(moderately limited)		(moderately limited)	!	(very limited)	!	(slightly limited)	1	(very limited)	1
73181:		l 1		1	 	1	 	 	 	1
Useful	 Very limited		 Very limited	i	Very limited	i	Very limited	i i	 Limited	i
			~shrink-swell		· -		~low strength	11.00	~slope	10.63
	(very limited)	 I I	(very limited)	İ	(very limited)		(very limited)		(limited)	1
	· · · -		~wetness	10.99	· · · -		· · · -	11.00		i
i	(limited)		(limited)	İ	(very limited)	İ	(very limited)	i	I	i
i			~slope	10.76	1		~slope	0.63	I	i
i		1 1	(limited)	l	I	1	(limited)	1	I	Ī
Gatewood			 Very limited	1	 Very limited	1	 Very limited	1	 Very limited	1
	· •		~hard bedrock <40"	11 00	•		· -	•	very limited ~small stones	11.00
	(very limited)		(very limited)	11.00	~slope (very limited)		~low strength (very limited)		(very limited)	11.00
	· · · · -		(very limited) ~wetness	11 00	· · · -		· · · -		(very limited) ~slope	10.63
	~slope (limited)	10.76	(very limited)	11.00	(very limited)	11.00	(very limited)		~slope (limited)	10.63
		I I	(very rimited) ~shrink-swell	11.00	· · · -	I 51	~slope	•	~depth to bedrock	10.42
	(moderately limited)		(very limited)	1	(moderately limited)		(limited)	0.03 	(moderately limited)	
1	I	l 1	l	I	I	I	I	1	I	I
73182:	 Moderately limited		 Very limited	1	 Moderately limited	!	 Very limited	1	 Moderately limited	1
	-		very limited ~wetness	11 00			~low strength		·	10.56
	(moderately limited)		(very limited)	11.00	(moderately limited)		(very limited)	11.00	(moderately limited)	
	•		(very rimited) ~shrink-swell	10 45	•	•	· · •	10.56	· ·	
	(moderately limited)		(moderately limited)	•	(moderately limited)		(moderately limited)	•	! !	1
	(moderatery rimited)		(moderatery rimited)		(moderatery rimited)		~shrink-swell	10.45	! !	i .
		' ' 			! 	! 	(moderately limited)	•	! 	İ
1	1	1 1	1	l	I	I	I	I	I	1
73183:		l I		l	1	l	1	1	l 	1
	Moderately limited		Very limited	1	Very limited	•	Moderately limited	•	Very limited	1
			~wetness	11.00	•	11.00	~wetness		~small stones	1.00
	(moderately limited)		(very limited)	10 15	(very limited)	10 10	(moderately limited)		(very limited)	1
	•		•	•			~slope		~droughty	10.97
ļ	(moderately limited)	I I	(moderately limited)	1	(moderately limited)	1	(slightly limited)		(limited)	10.40
ļ		I I	1	1	1	1	1	I		10.49
		1 1		1	I	I	I	I	(moderately limited)	1

Table 12.--Building Site Development--Continued

Map symbol and soil name	Dwellings without bas	ements	Dwellings with basem	ents	Small commercial buil	dings	Local roads and str 	eets	Lawns and landscap 	ing
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
73183:	1	 	 	1] [1	 	1	 	1
	 Moderately limited	i	 Very limited	i	Very limited	i	Very limited	i	Limited	i
	· -		~wetness	11.00	· -		~low strength		•	10.60
	(moderately limited)		(very limited)	1	(very limited)		(very limited)		(limited)	1
			~slope	10.45	· · · · -		· · · · -		~wetness	10.49
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)	
	· ·		· · · · · · · · · · · · · · · · · · ·		· ·		· · · · · · · · · · · · · · · · · · ·		~slope	10.04
	(moderately limited)		(moderately limited)		(moderately limited)		(moderately limited)		(slightly limited)	1
73184:			 	1	1	1	 	1	1	1
	 Very limited		 Very limited	1	Very limited		 Very limited	! !	 Very limited	-
I III ODDY	· -		~hard bedrock <40"	11 00	· -		·		~droughty	11.00
	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1
	· · · •	10 00	~slope	10 00	· · · •	11 00	· · · · -	11 00	~bedrock <20 in.	11.00
	(limited)		(limited)	10.33	(very limited)		(very limited)		(very limited)	11.00
	• •		~large stones	10 03	· · · · -		· · · · · · · · · · · · · · · · · · ·		· · · -	11.00
	(slightly limited)	10.03	(slightly limited)	10.03	(slightly limited)		(slightly limited)	10.03	(very limited)	11.00
	(slightly limited)	 	(singlicity filmited)	 	(Singuity number)	 	(siightiy iimited) 	1	(very rimited)	
Rock outcrop	Not rated	1	Not rated	1	Not rated	Į.	Not rated	1	Not rated	1
73186:	1	 	l 	l	1	 	1 	1	! 	I
Bardley	Very limited	1	Very limited	1	Very limited	I	Very limited	I	Very limited	1
	~slope	1.00	~slope	1.00	~slope	1.00	~low strength	1.00	~slope	1.00
	(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	I	(very limited)	1
	~hard bedrock	10.53	~hard bedrock <40"	1.00	~depth to bedrock	10.53	~slope	1.00	~small stones	1.00
	(moderately limited)	1	(very limited)	1	(moderately limited)	1	(very limited)	I	(limited)	1
	~shrink-swell	0.45	~shrink-swell	10.45	~shrink-swell	10.45	~depth to bedrock	10.53	~droughty	10.66
	(moderately limited)	1	(moderately limited)	1	(moderately limited)	!	(moderately limited)	1	(limited)	1
Alred	 Very limited	 	 Very limited	 	 Very limited	 	 Very limited	 	 Very limited	1
	~slope	11.00	~slope	11.00	~slope	11.00	~slope	11.00	~slope	1.00
	(very limited)	i i	(very limited)	Ī	(very limited)	İ	(very limited)	Ī	(very limited)	i
	1	i i	-	Ī	1	İ	-	Ī	~droughty	11.00
	i	i		i	İ	İ	I		(very limited)	İ
	i	i		i	İ	İ	I		· · · -	11.00
	Ī	i i		İ	Ī	İ	I	l	(very limited)	i
Cd-		1		1	137 1::	1		1		1
Gasconade	· -		Very limited	1	Very limited		Very limited		Very limited	1
	•			11.00	· -		· -		~slope	1.00
	(very limited)		(very limited)	1 00	. ((very limited)		(very limited)	1
			~slope	11.00					~droughty	11.00
	(very limited)		(very limited)	1 00	(very limited)		(very limited)		(very limited)	1
	•	11.00	•	11.00		11.00		11.00	•	11.00
	(very limited)		(very limited)	1	(very limited)	1	(very limited)	1	(very limited)	1

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets		Lawns and landscaping	
	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	<u>Value</u>	Limitation	Valu
73187:	1		 	1	1	1	 	 	 	1
Bender	 Very limited	i	 Very limited	i	Very limited	1	 Very limited	! !	 Very limited	i
	· -		~hard bedrock <40"	11.00	~slope		~slope		~slope	11.00
	(very limited)		(very limited)	1	(very limited)		(very limited)		(very limited)	1
	· · · -		~slope	11.00	~depth to bedrock		~depth to bedrock		~droughty	11.00
	(limited)	İ	(very limited)	İ	· -	i	(limited)		(very limited)	i
	~large stones	10.09	~large stones	10.09	~large stones	10.09	~large stones		~large stones	10.99
	(slightly limited)	İ	(slightly limited)	İ	(slightly limited)	İ	(slightly limited)		(limited)	İ
Dark subsum	137-1	!	 Nat wated	1	 	1	 Nat wated	1	 Nat wated	1
Rock outcrop	Not rated	 	Not rated 	 	Not rated	1	Not rated 	 	Not rated	1
73188:	I	i	I	i I	i İ	i	I	i	I	i
Bendavis	Limited	I	Very limited	I	Very limited	1	Limited	I	Very limited	1
	~slope	10.76	~hard bedrock <40"	1.00	~slope	1.00	~slope	10.63	~small stones	11.00
	(limited)	1	(very limited)	1	(very limited)	1	(limited)	I	(very limited)	1
	~hard bedrock	10.59	~wetness	1.00	~depth to bedrock		~depth to bedrock	10.59	~slope	10.63
	(moderately limited)		(very limited)	I	(moderately limited)	1	(moderately limited)		(limited)	1
	1	1	~slope	10.76	I	1	I	I	~depth to bedrock	10.58
	1		(limited)	1	1	1	1	1	(moderately limited)	1
Poynor	 Limited	i	 Limited	1	Very limited	I	 Limited		 Very limited	1
_	~slope	10.76	~slope	10.76	~slope	11.00	~slope	10.63	~small stones	11.00
	(limited)	1	(limited)	I	(very limited)	1	(limited)	I	(limited)	1
	I	1	I	I	1	1	I	I	~droughty	1.00
	I	1	I	1	I	1	I	I	(very limited)	1
	I	1	I	I	I	1	I	I	~slope	10.63
	1	1	1	1	1	1	1	1	(limited)	1
73189:	 	1	 	1	 	1	 	 	 	1
Useful	 Very limited	i	 Very limited	i	Very limited	i	 Very limited	i	Not limited	i
	_		~shrink-swell	11.00	~shrink-swell		~low strength	11.00	1	i
	(very limited)		(very limited)	1	(very limited)		(very limited)	1	i	i
	1		~wetness	10.99	~slope		· · · -	11.00	I	i
	I	i	(limited)	1	(limited)	1	(very limited)	1	I	i
	I	i	~depth to bedrock	10.35	• •	i	<u>.</u>	i	I	i
	l	İ	(moderately limited)	İ	Ī	Ī	I	İ	l	İ
	1	I .	l	1	1	1	l	1	1	1
Gatewood	· -		Very limited	1	Very limited		Very limited		Very limited	1
		11.00	~hard bedrock <40"	11.00	~shrink-swell	11.00	~low strength		~small stones	1.00
	(very limited)	I IO E1	(very limited)	11 00	(very limited)	10 60	(very limited)		(very limited)	10 40
			~wetness	11.00	~slope	10.68	~shrink-swell		~depth to bedrock	10.42
	(moderately limited)		(very limited)	11 00	(limited)	10 51	(very limited)		(moderately limited)	10.22
		10.13	~shrink-swell	11.00	~depth to bedrock		~depth to bedrock		~droughty	10.22
	(slightly limited)	1	(very limited)	1	(moderately limited)	1	(moderately limited)	1	(slightly limited)	1
	I	1	I	I	I	I	I	I	I	ı

Map symbol and soil name	Dwellings without basements 		Dwellings with basements		Small commercial buildings		 Local roads and streets 		Lawns and landscaping	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	~shrink-swell (very limited)	1.00 	(very limited)	 1.00	(very limited) ~slope (limited)	 0.68 	 	•	 	 0.60
	 Moderately limited ~shrink-swell (moderately limited) 	0.45	 Moderately limited ~shrink-swell (moderately limited) 	1	(limited)	 0.45	 Very limited ~low strength (very limited) ~shrink-swell (moderately limited)	1.00 0.45	 Not limited 	
	(very limited)	1.00 1.00 	(very limited) ~wetness (very limited) ~shrink-swell	1	(very limited) ~wetness (very limited)	 1.00 	 Very limited ~wetness (very limited) ~flooding (very limited) ~low strength (very limited)	1.00 	(very limited)	 1.00 0.60
	<pre> ~flooding (very limited) ~wetness (moderately limited)</pre>	1.00 0.45 0.45	(very limited) ~wetness (very limited)	 1.00 0.39	(very limited) ~wetness (moderately limited)	 0.45 0.45	 Very limited ~flooding (very limited) ~low strength (very limited) ~wetness (moderately limited)	1.00 1.00 0.45	 Moderately limited ~flooding (moderately limited) ~wetness (moderately limited) ~too acid (slightly limited)	10.45
	~wetness (very limited)	1.00 	(very limited)	1	(very limited)	I	 Very limited ~wetness (very limited) ~flooding (rare) (limited) ~low strength (limited)	1.00 0.90	 Very limited ~wetness (very limited) ~droughty (slightly limited) 	 1.00 0.20
	_		 Very limited ~flooding (very limited) 		 Very limited ~flooding (very limited) 	I	(very limited)		 Moderately limited ~flooding (moderately limited) 	 0.60

Map symbol and soil name	Dwellings without basements		Dwellings with basements		Small commercial buildings		Local roads and streets 		Lawns and landscaping	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	 Very limited ~flooding (very limited)		 Very limited ~flooding (very limited)		 Very limited ~flooding (very limited)		 Very limited ~flooding (very limited)	11.00	 Very limited ~flooding (very limited)	 1.00
	 	1	 	 	 	 	 	1	<pre> ~small stones (slightly limited) ~large stones (slightly limited)</pre>	0.27 0.01
75388:	! 		! 	i	! 	i	! 	i	! 	İ
	Very limited ~flooding (very limited)	11.00	Very limited ~flooding (very limited)	1.00	Very limited ~flooding (very limited)	11.00	Very limited ~flooding (very limited)	11.00	Very limited ~flooding (very limited)	 1.00
	~flooding	11.00	 Very limited ~flooding		 Very limited ~flooding		 Very limited ~flooding	11.00	 Very limited ~flooding	1 1.00
	(very limited) -		(very limited) 	 	(very limited) -	 	(very limited) 	 	(very limited) ~droughty (very limited) ~small stones	 1.00 1.00
75391:	' 		 		' 		 		(very limited)	
Possumtrot	 Very limited ~flooding (very limited) 	11.00	 Very limited ~flooding (very limited) 	1.00	 Very limited ~flooding (very limited) 	11.00	 Very limited ~flooding (very limited) 	1.00 	 Moderately limited ~flooding (moderately limited ~too acid (slightly limited)	 0.60) 0.24
75398:	 	 	 	l I	 	l I	 	l I	 	l I
	Very limited ~flooding (very limited)	11.00	Very limited ~flooding (very limited)		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)	 1.00
75412:	! 	i	! 	i	! 	i	! 	i	! 	i
Razort	Very limited ~flooding (very limited)		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)		Very limited ~flooding (very limited)		Moderately limited ~flooding (moderately limited	 0.60)
75413:	i I	i	! 	i	i I	i	! 	i	i I	i
	Very limited ~flooding (very limited) 	11.00	Very limited ~flooding (very limited) 		Very limited ~flooding (very limited)		Very limited ~flooding (very limited) 	1.00 	Very limited ~flooding (very limited) ~droughty	 1.00 1.00
	 		 	 	 	 	 	1	(very limited) ~small stones (very limited)	 1.00 1.00

	1		I		Ι		1		1	
Map symbol and	Dwellings without	basements	Dwellings with b	asements	Small commercial	buildings	Local roads and	streets	Lawns and lands	scaping
soil name	1		l		1		1		1	
	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value	Limitation	Value
	1	1	1	1	1	1	1	1	1	1
75414:	1	1	I	1	1	1	1	1	1	1
Wideman	- Very limited	1	Very limited	1	Very limited	1	Very limited	1	Very limited	I
	~flooding	1.00	~flooding	1.00	~flooding	1.00	~flooding	1.00	~flooding	1.00
	<pre> (very limited)</pre>	I	(very limited)	1	(very limited)	1	(very limited)	I	(very limited)	1
	1	1	l	1	1	1	1	I	~too sandy	10.50
	1	I	I	1	1	1	1	1	(moderately limit	ced)
	1	I	I	1	1	1	1	1	~droughty	10.02
	1	I	I	1	1	1	1	I	(slightly limited	i)
	1	I	I	1	1	1	1	I	1	1
99000:	1	I	I	1	1	1	1	I	1	1
Pits, quarries	- Not rated	I	Not rated	1	Not rated	1	Not rated	I	Not rated	1
	1	I	I	I	1	1	1	I		I
99001:	1	I	I	I	1	1	1	I		I
Water	- Not rated	I	Not rated	I	Not rated	1	Not rated	I	Not rated	I
	1	I	I	I	1	1	1	I	1	I
99003:	1	I	I	I	1	1	1	I	1	I
Miscellaneous	1	I	I	I	1	1	1	I	1	I
water	- Not rated	I .	Not rated	1	Not rated	1	Not rated	1	Not rated	1
	I	I	<u> </u>	I	I		I	<u> </u>	1	